

TABLE V-2

Occupational Radiation Exposures Based on SRP Experience

<i>Alternative</i>	<i>Operational Modules, rem/year in maximum year</i>				<i>Total per Maximum Year, rem</i>	<i>Total for Campaign, rem^a</i>
	<i>Removal from Tanks</i>	<i>Processing</i>	<i>Transportation</i>	<i>Storage</i>		
Alternative 1 -						
Continue storage in tanks	5.0 ^b	Not applicable	Not applicable	7.6	1.26×10^1	3.56×10^2
Alternative 2, Subcase 1 -						
Process to glass; ship to offsite geologic disposal ^c	4.2	2.31×10^2	1.40×10^2	0	3.75×10^2	3.75×10^3
Alternative 2, Subcase 2 -						
Process to glass; surface storage at SRP ^c	4.2	2.31×10^2	Not applicable	6.7	2.42×10^2	2.64×10^3
Alternative 2, Subcase 3 -						
Process to glass; disposal in SRP bedrock cavern ^c	4.2	2.31×10^2	Not applicable	0	2.35×10^2	2.35×10^3
Alternative 3 -						
Slurry liquid waste into SRP bedrock cavern	4.2	Not applicable	Not applicable	0	4.2	4.2×10^1

^a. See Table V-4 and text for campaign times.

^b. This exposure occurs only when waste is reconstituted and transferred from an old tank to a new tank and during tank decontamination.

^c. These numbers were developed specifically for glass waste forms, but should be quite similar for most of the other immobilization forms being investigated.